

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Bradley L. Todd	)	
	Eric Davidson	)	
		)	Art Unit: Unknown
		)	
Serial No.:	Unknown	)	
		)	
Filed:	Unknown	)	Examiner: Unknown
		)	
For:	Subterranean Treatment	)	
	Fluids and Methods of	)	
	Using These Fluids to	)	
	Stimulate Subterranean	)	
	Formations	)	

INFORMATION DISCLOSURE STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

U. S. PATENTS

U.S. Patent Number 3,960,736 issued June 1, 1976 to Dustin L. Free et al;

U.S. Patent Number 4,026,361 issued May 31, 1977 to Randolph H. Knapp et al;

U.S. Patent Number 4,136,739 issued January 30, 1979 to William M. Salathiel, et al;

U.S. Patent Number 4,143,007 issued March 6, 1979 to Ronald N. DeMartino;

U.S. Patent Number 4,151,879 issued May 1, 1979 to Ronnie L. Thomas;

U.S. Patent Number 4,169,798 issued October 2, 1979 to Ronald N. DeMartino;

U.S. Patent Number 4,247,402 issued January 27, 1981 to Arlynn H. Hartfiel;

U.S. Patent Number 4,368,136 issued January 11, 1983 to Joseph R. Murphey;

U.S. Patent Number 4,536,297 issued August 20, 1985 to Royal E. Loftin, et al;

U.S. Patent Number 5,126,051 issued June 30, 1992 to Francis J. Shell, et al;

U.S. Patent Number 5,165,477 issued November 24, 1992 to Francis J. Shell, et al;

U.S. Patent Number 5,223,159 issued June 29, 1993 to William H. Smith, et al;

U.S. Patent Number 5,224,546 issued July 6, 1993 to William H. Smith, et al;

U.S. Patent Number 6,196,320 issued March 6, 2001 to Warren J. Ray, et al;

U.S. Patent Number 6,422,325 issued July 23, 2002 to Darrell L. Krieger;

U.S. Patent Number 6,432,885 issued August 13, 2002 to Daniel Patrick Vollmer;

U.S. Patent Number 6,509,301 issued January 21, 2003 to  
Daniel Patrick Vollmer;

U.S. Patent Number 5,678,632 issued October 21, 1997 to  
Vivian Moses, et al; and

U.S. Patent Number 5,813,466 issued September 29, 1998 to  
Ralph E. Harris, et al.

**OTHER PRIOR ART**

SPE 68911 "Stimulation of a Producing Horizontal Well Using  
Enzymes that Generate Acid In-Situ - Case History" by Ralph E.  
Harris, et al., dated May 21, 2001; and

Arcasolve Technical Document - MD1 "Arcasolve High  
Performance Drilling Damage Removal"; Rev. 1, dated October 1998.

Copies of the aforementioned references and Form PTO-1449 are  
submitted herewith.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Robert A. Kent", written over a large, stylized circular flourish.

Robert A. Kent  
Registration No. 28,626  
Halliburton Energy Services  
P. O. Box 1431  
Duncan, OK 73536-0440  
580-251-3125

<b>FORM PTO-1449 (Modified)</b>  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	ATTY. DOCKET NO. 2002-IP-008013U1P1	SERIAL NO. Unknown
	APPLICANT Bradley L. Todd, et al	
	FILING DATE Concurrently Herewith	GROUP Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	3,960,736	06/01/76	Dustin L. Free, et al	252	8.55	
	AB	4,026,361	05/31/77	Randolph H. Knapp, et al	166	281	
	AC	4,136,739	01/30/79	William M. Salathiel, et al	166	300	
	AD	4,143,007	03/06/79	Ronald N. DeMartino, et al	260	17.4	
	AE	4,151,879	05/01/79	Ronnie L. Thomas	166	307	
	AF	4,169,798	10/02/79	Ronald N. DeMartino	252	8.55	
	AG	4,247,402	01/27/81	Arlynn H. Hartfiel	252	8.5	
	AH	4,368,136	01/11/83	Joseph R. Murphey	252	316	
	AI	4,536,297	08/20/85	Royal E. Loftin, et al	252	8.5	
	AJ	5,126,051	06/30/92	Francis J. Shell, et al	210	632	
	AK	5,165,477	11/24/92	Francis J. Shell, et al	166	291	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AN		SPE 68911 "Stimulation of a Producing Horizontal Well Using Enzymes that Generate Acid In-Situ - Case History" by Ralph E. Harris, et al., dated May 21, 2001
	AO		Arcasolve Technical Document - MD1 "Arcasolve High Performance Drilling Damage Removal"; Rev. 1, dated October 1998.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1449 (Modified)</b>  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	ATTY. DOCKET NO. 2002-IP-008013U1P1	SERIAL NO. Unknown
	APPLICANT Bradley L. Todd, et al	
	FILING DATE Concurrently Herewith	GROUP Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	5,223,159	06/29/93	William H. Smith, et al	252	8.551	
	AB	5,224,546	07/06/93	William H. Smith, et al	166	300	
	AC	6,196,320	03/06/01	Warren J. Ray, et al	166	312	
	AD	6,422,325	07/23/02	Darrell L. Krieger	175	50	
	AE	6,432,885	08/13/02	Daniel Patrick Vollmer	507	236	
	AF	6,509,301	01/21/03	Daniel Patrick Vollmer	507	236	
	AG	5,678,632	10/21/97	Moses, et al	166	307	
	AH	5,813,466	09/29/98	Harris, et al	166	300	
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO		
	AP		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.